

Figure 1

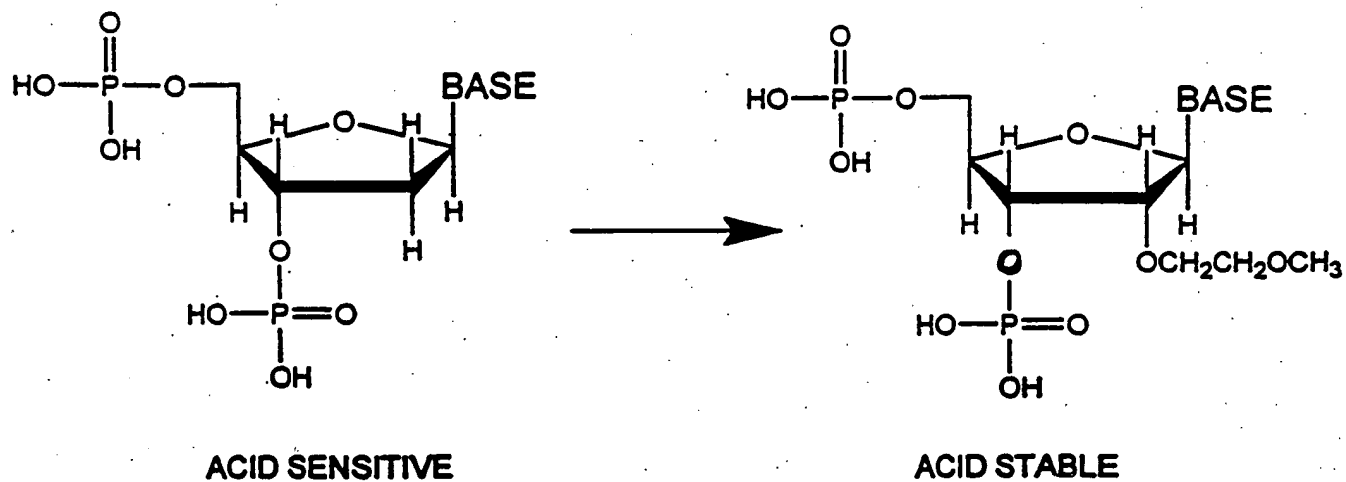


Figure 2

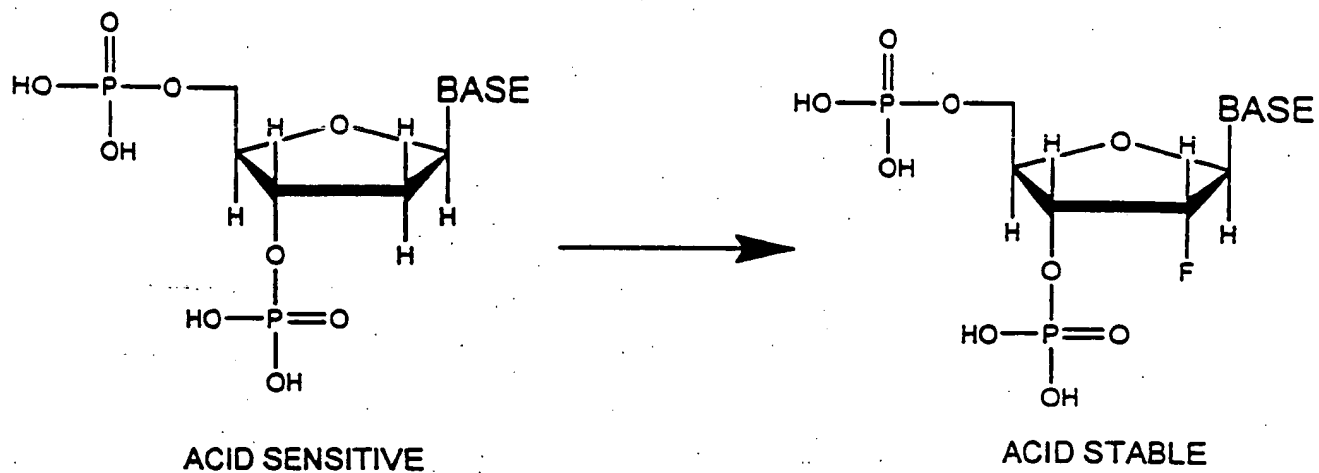


Figure 3

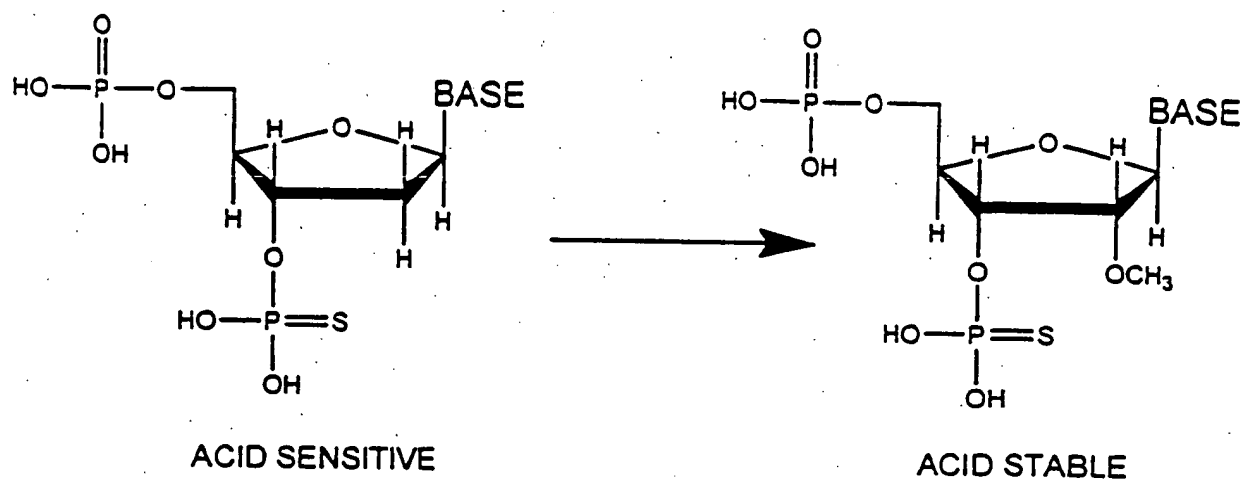
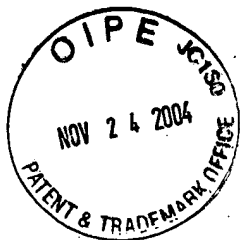


Figure 4

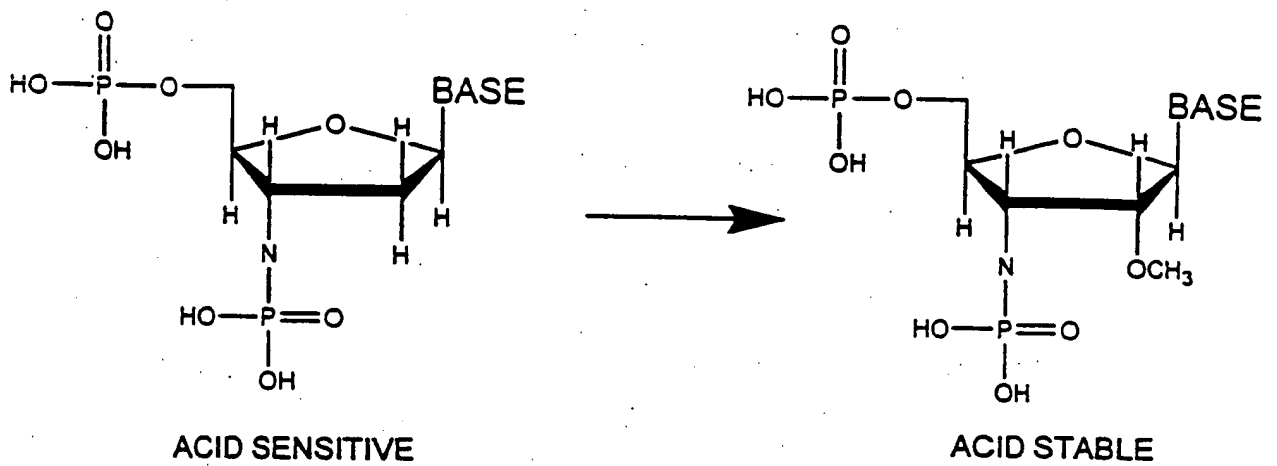


Figure 5

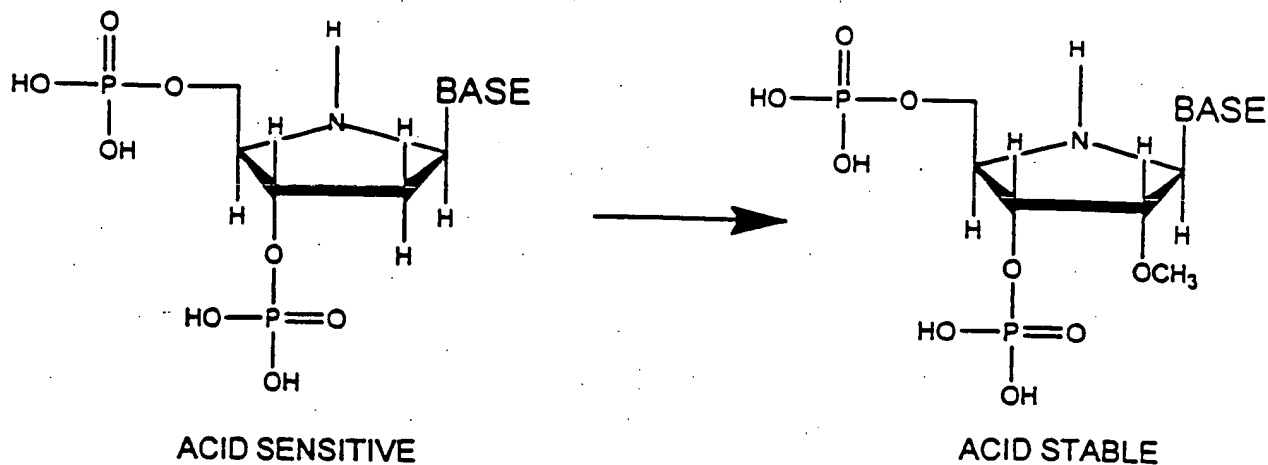


Figure 6

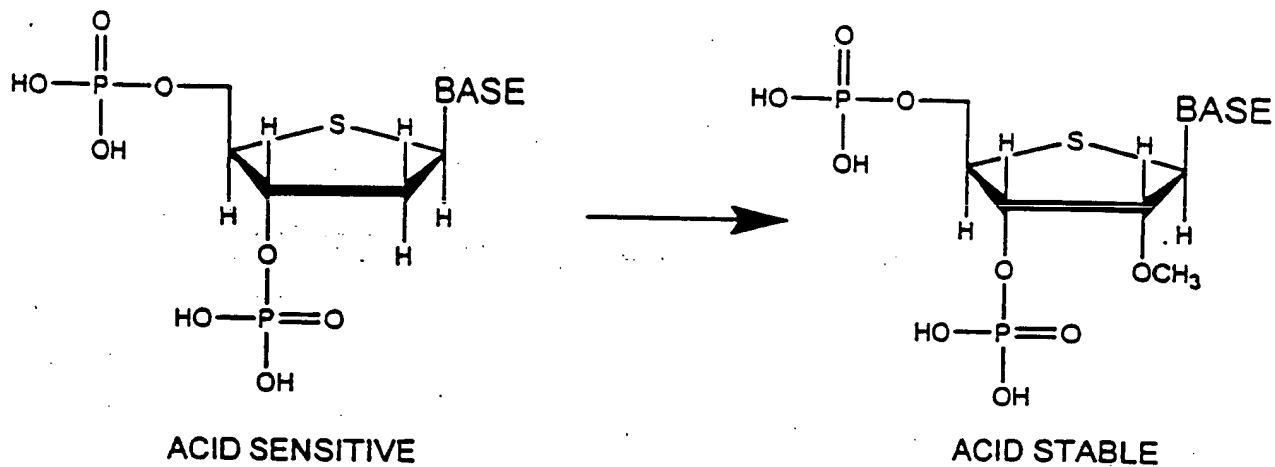
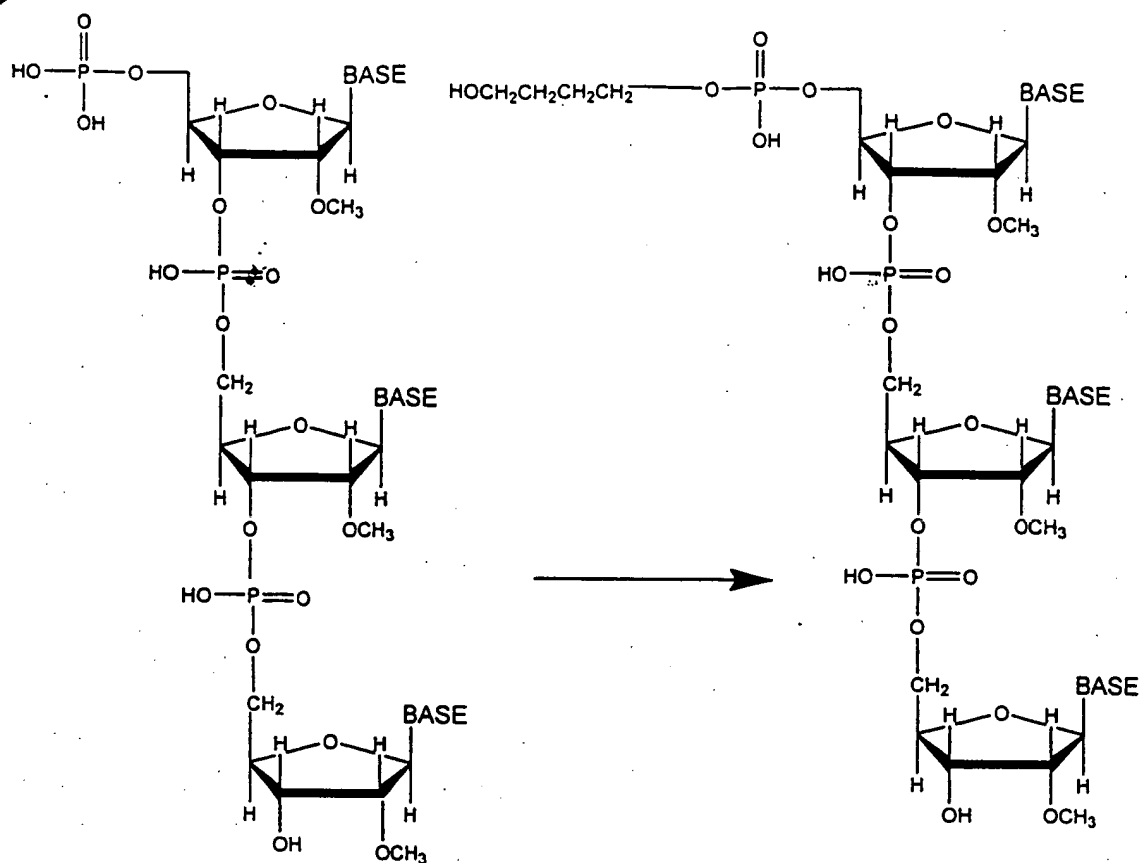


Figure 7

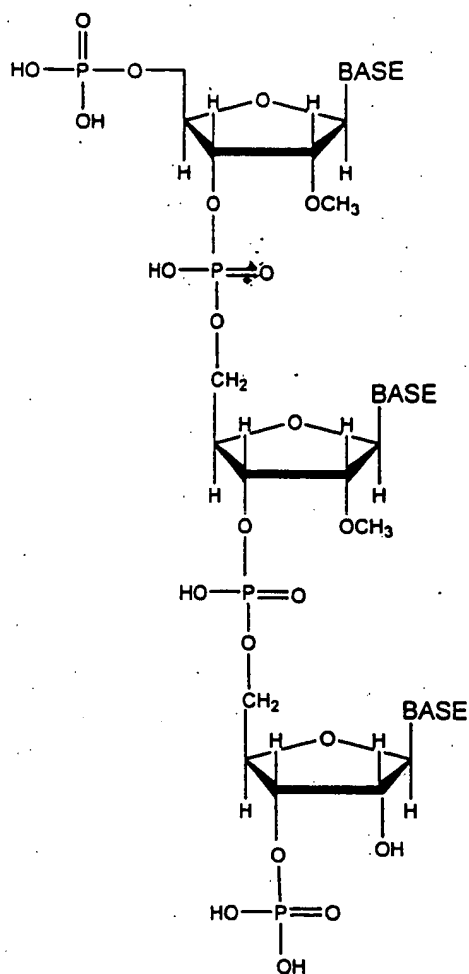


ACID STABLE

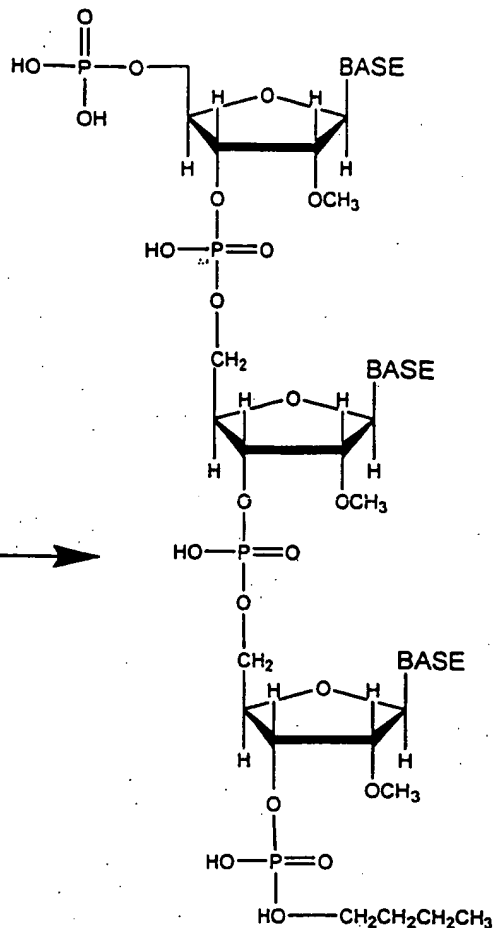
ACID STABLE, END-BLOCKED

5' end
Butanol Blocking Group

Figure 8



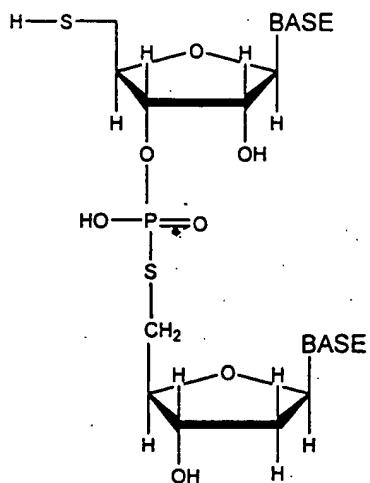
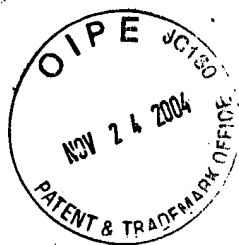
ACID STABLE



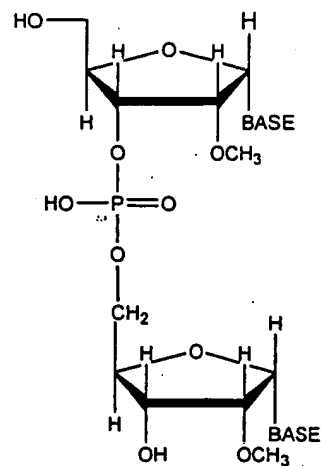
ACID STABLE, END-BLOCKED

3' end
Butyl Blocking Group

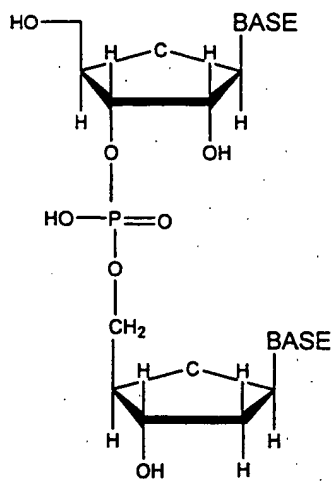
Figure 9



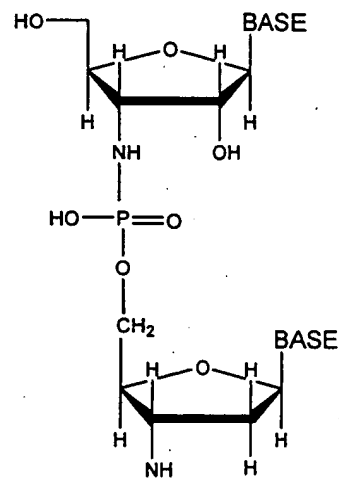
Nuclease Resistant



1' modification
Nuclease Resistant



Substitution in O of sugar group
Nuclease Resistant
Higher T_m s



Phosphoramidate
Nuclease Resistant
Higher T_m s

Figure 10